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OPERATING INSTRUCTIONS

RAUTOOL G1B

KNOW HOW

Compression Sleeve Tool

RAUTOOL G1B

- Tool cylinder with hose & foot pump
- Expander set incl. 2 short pins
- 2 long pins
- Fixing nut
- Pipe cutter 50-110
- Transport case

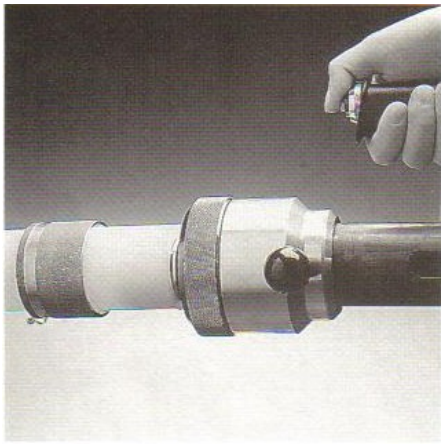
Accessories 50-110 for RAUTOOL G1B

- Expander head 50 x 4.6
- Expander head 63 x 5.7
- Expander head 75 x 6.8
- Expander head 90 x 8.2
- Expander head 110 x 10
- Expander head 50 x 6.9
- Expander head 63 x 8.7
- Set of clamping jaws 110
- Set of reducers 90/110
- Set of reducers 75/110
- Set of reducers 63/110
- Set of reducers 50/110
- Case for accessories

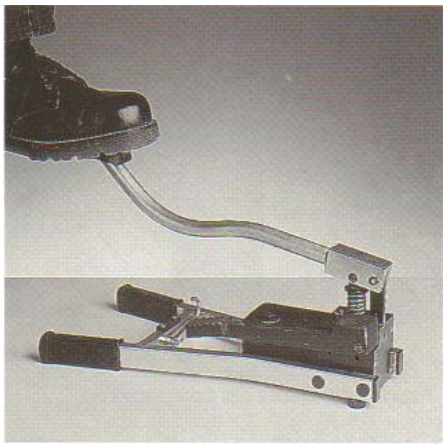
Compression Sleeve Jointing Procedure

1. Cut PEX pipe to length at right angles.

2. Slide the compression sleeve on to the pipe making sure the inside taper faces the pipe end.

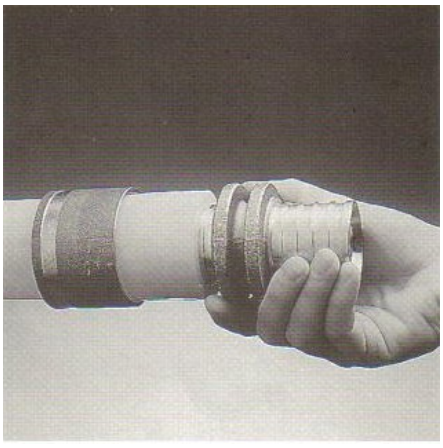


3. The compression sleeve must not be within the expanding area. Insert the expander inside the PEX pipe.



4. Expand the pipe using the foot pump. Do not use excessive force. Stop pumping when resistance is felt. Leave pipe expanded for 60 seconds.

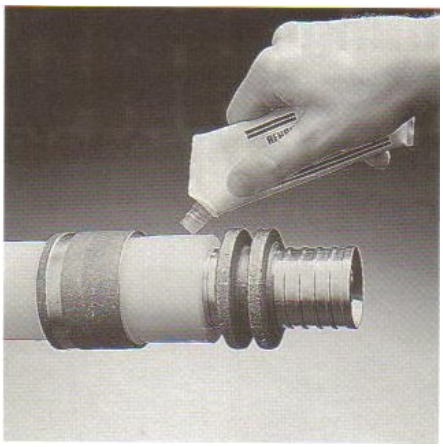
5. Release the pressure by pressing the pressure release lever.



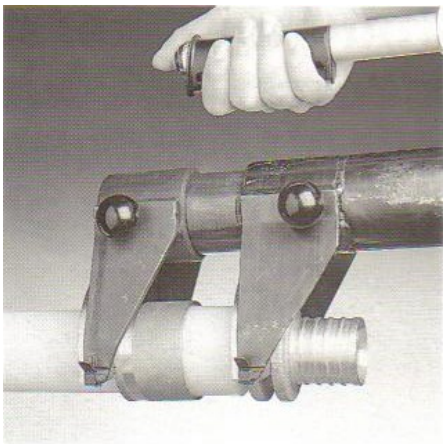
6. Insert fitting into the pipe. After a short time the fitting sits tight in the pipe (memory effect).

Compression Sleeve Jointing Procedure

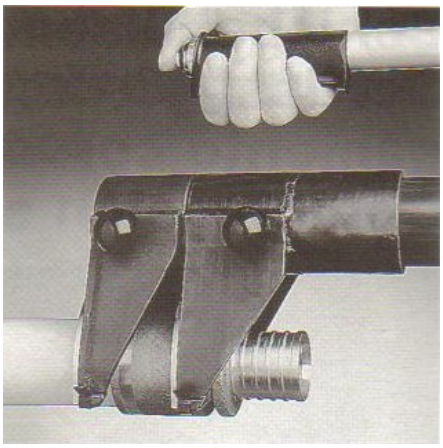
Continued….



7. Apply lubricant onto jointing area of PEX pipe.



8. Fit correct size jaws onto the PEX joint.

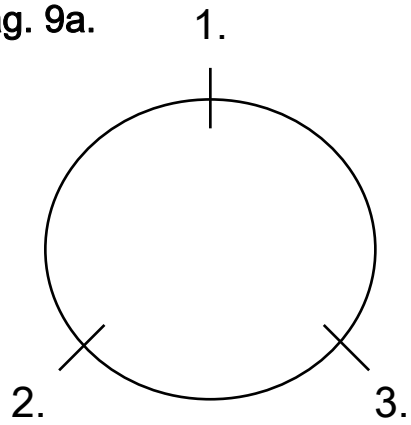


9. Rotate the tool to close the joint at three equal positions - see diag. 9a below— (by using the foot pump) and this will ensure the compression sleeve pulls up equally and fits flush on the PEX joint.

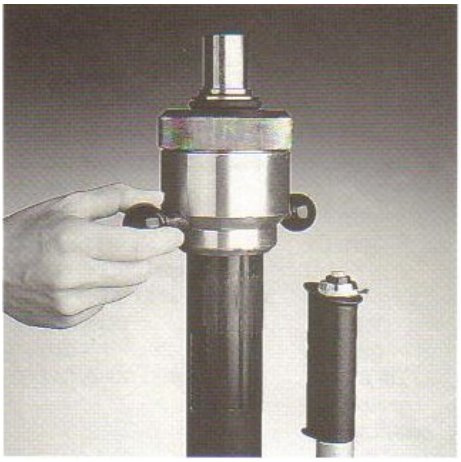
Do not use excessive force on the foot pump. Stop pumping as soon as resistance is felt and the compression sleeve meets the PEX joint. Release the pressure as diag. 5.

Note: When the tool has been used at a position 180° opposite to that shown in diag. 8, a recess will need to be cut into the insulation to make room for the cylinder and to allow the correct alignment of the jaws (as shown below).

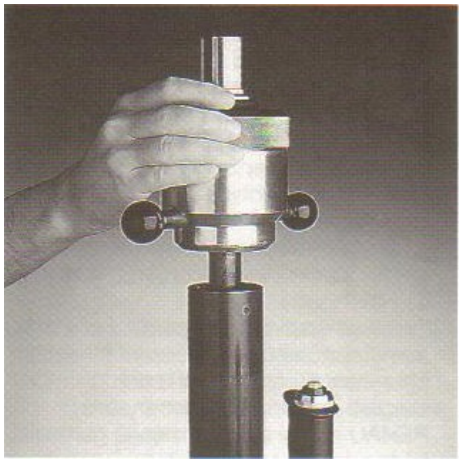
Diag. 9a.



Tool Conversion



1. Remove long pin, pull out two short pins up to the stop.

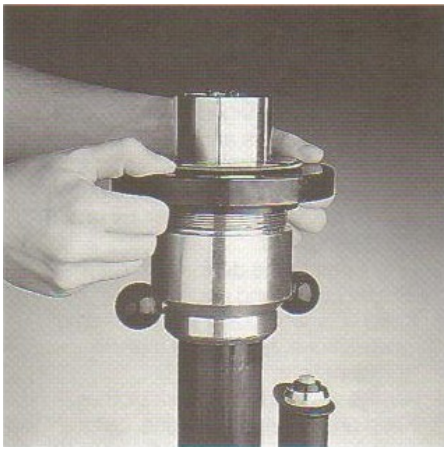


2. Remove expander set.

3. Fit the long clamping jaw on to the cylinder first and then the short jaw and insert long pins completely.

Tool Change

4. To exchange expander heads, remove screwed fixing nut, position expander head correctly, screw on fixing nut.



5. Expander head 75-110 are screwed on directly.

6. Reducers for dimension 75-90 are clipped into the 110 clamping jaws.

Notes on Safety

1. Read all notes on safety before operating tool. Observe the notes during use and always keep them with the tool.
2. The tool is suitable for preparation of compression sleeve joints supplied by PIPE2000 Ltd. only. Do not use the tool for other purposes.
3. Be careful not to damage the hydraulic hose. Also check the hydraulic hose before use of the tool. Never work with a damaged hydraulic hose.
4. Only allow repairs and maintenance to be carried out by authorised persons. PIPE2000 Ltd. will reject any responsibility or liability for work undertaken by unauthorised personnel.
5. Only operate the tool with original parts and accessories.
6. Keep your workplace tidy and free of obstructions. Make sure there is always sufficient light.
7. Always wear suitable work clothes, safety footwear, gloves and safety glasses.
8. Keep unauthorised persons, children and pets away from your workplace.
9. Store the tool in dry condition.
10. The tool must be cleaned and dried before storage.

Trouble Shooting

If the tool cylinder does not move immediately when the pump is actuated, the hydraulic circuit must be vented. For this purpose, lower down the tool cylinder, place the pump in upright position and operate the tool several times.

The oil level is to be checked and oil must be topped up, if required. Make sure that the pump is not overfilled.